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Installation Manual for EasySuite range

xxHFL3x10T

xxHFL3x10W

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PHILIPS

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Notice

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- Leaflet and product documentation
- Download a printable PDF version of the user manual
- Contact details of the helpdesk.

Definitions, Acronyms and Abbreviations

Cold start:	Unplug the TV from mains power. Connect TV again to the mains power.
Guest RC:	Guest Remote control supplied with the TV
OSD:	On Screen Display
CSM:	Consumer Setup Menu
OOB:	Out of the box state – The TV is unboxed and no option or features were configured
[ ]:	The values between brackets are referring to a TV menu item
“ ”:	The values between quotation marks are referring to a remote control button

---

FTA:	Free To Air
DVB-T:	Digital Video Broadcasting – Terrestrial
DVB-C:	Digital Video Broadcasting – Cable
OAD:	Over the Air Download

1. Requirements before starting the installation

Before starting the installation, make sure that you have everything you need at hand.

Master remote control 22AV8573

or

Guest remote control 22AV1409A/12

And

USB stick

To access the **[Professional Setup]** menu with the master remote control, press the **"RC6 SETUP"** key and then press the **"Home/Menu"** button. Using the guest remote control, press the following keys sequential: **"3,1,9,7,5,3,MUTE"**.

> *Note: The sequence: **"3,1,9,7,5,3, MUTE"** will not show the **[Professional Setup Menu]** if the **[High Security]** option is enabled.*

For the best guest experience it is highly recommended to use the latest software version available.

Go to: http://www.support.philips.com/support

Enter the model number and download the latest software version available. Unzip the software and follow the instructions how to upgrade the software on the TV. The USB drive used for software upgrade must be formatted as FAT32 and preferably empty to avoid and accidental upload of wrong settings and software. It is recommended to first upgrade the TV and afterwards perform the installation.

The latest software version and cloning data can be stored on the same USB drive for a 2 in 1 action: software upgrade and cloning during the instant initial cloning.

2. Find out the state of the TV

It is important to know if a TV is in 'virgin mode' (out of the box) or has been installed before.

If you can see this screen below, you know that the TV is in 'out of the box' state and you can install the set by using the procedure described in chapter 4 of this manual.

If you power on the set and then press the 'Home' button on the guest remote, you will see this screen appear if the TV already has been installed or if the wizard was already skipped.

Professional Setting **ON**

Professional Setting **OFF**

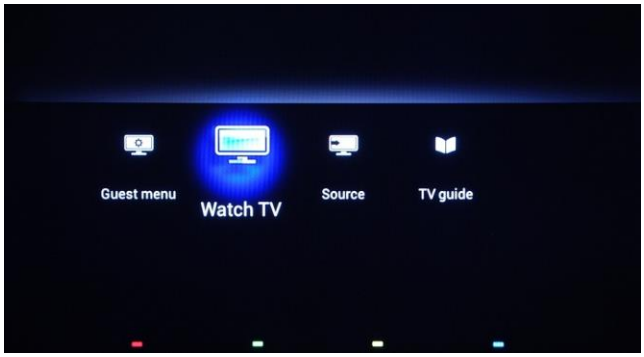
You can start the installation wizard again by reinstalling the TV as explained in chapter 3 of this manual.

Disable the Professional Settings
Access the setup menu press the **"RC6 SETUP"** key, and then press the **"Home/Menu"** button. With the guest remote control, press the following keys in sequence: **"3,1,9,7,5,3, MUTE"**.

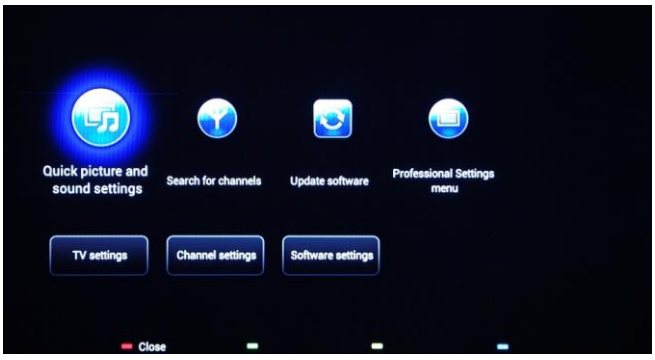
Go to **[Professional Mode]** and select the **[OFF]** option and confirm with "OK". Press **"HOME"** and select the option **Store and Restart Now**, Confirm with "OK". After restarting the TV the **PROFESSIONAL SETTINGS** mode will be set to OFF.

3. Re-install TV

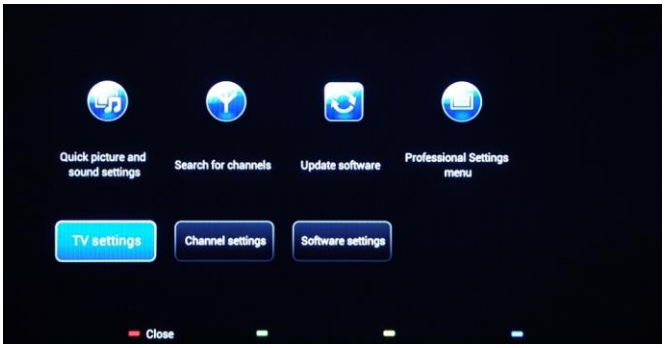
If you want to start an installation from scratch you can always re-install the TV. This can be done by using the option: Re-install TV set. The Guest menu is offering access to options like subtitle, picture settings, audio settings, alarm, source and TV guide is displayed below:



If the Professional mode is active you can access the setup menu by pressing the **"RC6 SETUP"** key and then press the **"Home/Menu"** button. For the guest remote control, press the following keys in sequence: "**3,1,9,7,5,3, MUTE**". This menu provides access to the **Consumer Setup Menu** and **Professional Setup Menu**.

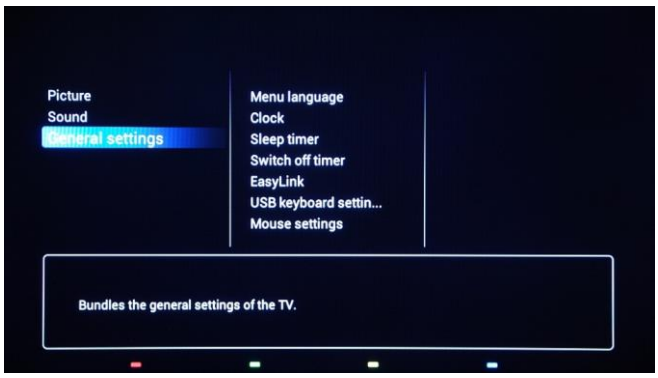


Select the option **[TV settings]** and press **"OK"** to access the submenu.



The **[TV settings]** menu contains **[Picture]** settings, **[Sound]** setting and **[General settings]**.

Using the arrow key to navigate to **[General Settings].** To access the items from the right menu use the **"right arrow"** key.



Navigate with the **"down arrow"** key to the **[Reinstall TV]** option.

Press **"OK"** to start the reinstallation procedure. To avoid any potential mistakes the TV will request a confirmation to start the Reinstall procedure.

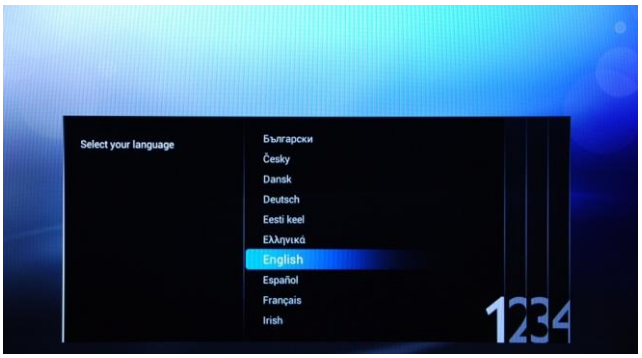
After this operation the TV will power off and on and display the installation wizard.

Note: All settings are at default values and no channel plan is available.

4. Installation wizard

When you turn on the TV for the first time, or you have reinstalled the TV, you should see the following screen.

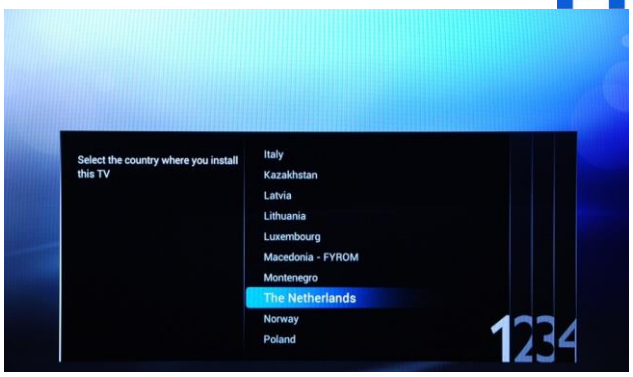
The TV is indicating that a search process for cloning data on USB key is taking place. If there is no cloning data available the process can be skipped. If the TV does not find data for cloning, it will continue to the next step, the installation wizard.



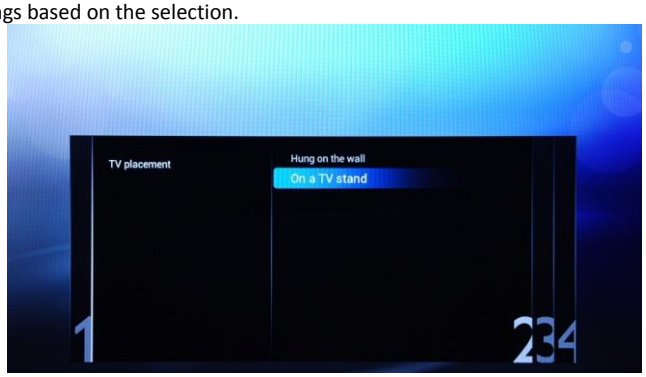
Here you will need to select your preferred language. The language selected will be used for the Consumer Setup menu and for subtitle and audio language preferences. The language can be change at any moment from the **[TV settings]** menu. Please select with the **"Up and Down arrow"** keys and confirm with **"OK"** or press the **"left arrow"** key.

After this, you will need to select the country. Depending on the country selection, some pre-defined settings will be activated, because of local broadcast requirements. Example: digital/analog channels could be disabled; reordering and deleting channels can in some cases not be possible.

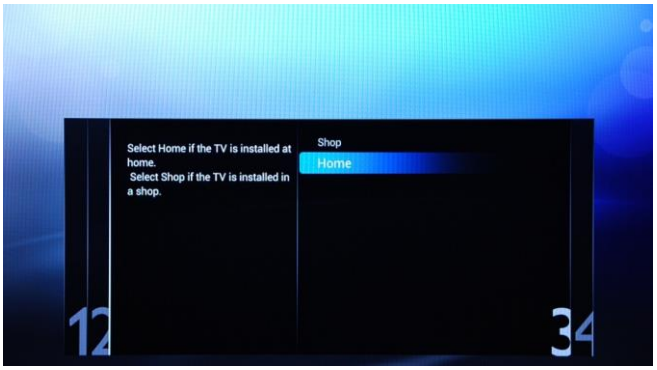
Note: If you are experiencing some issues after selecting your country, please select 'Others' in the menu.



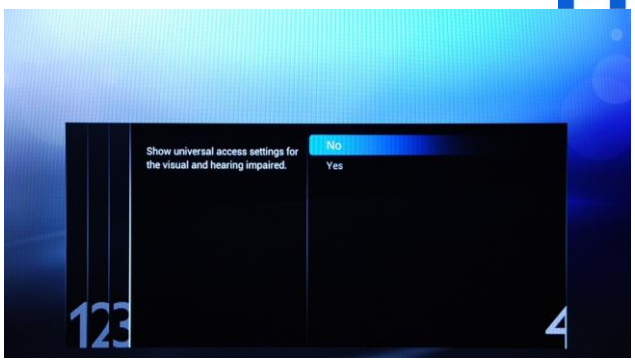
The next step is to select the placement of the TV, **"Hung on the wall"** or **"On a TV stand"**. This option will affect image and sound settings based on the selection.



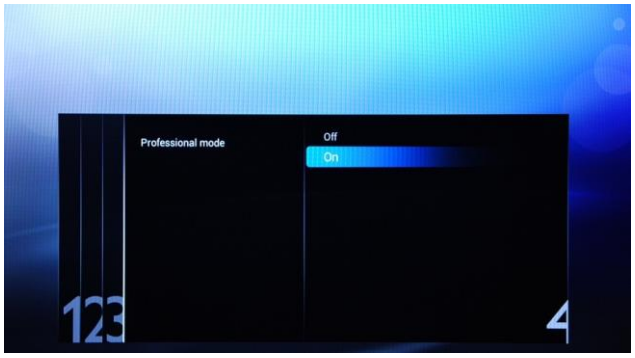
The next step is to choose between the options **[Shop]** and **[Home]**. Please select the **[Home]** option for installation, if you select **[SHOP]** a commercial banner will be displayed on the TV. This is for commercial purpose only on shops.



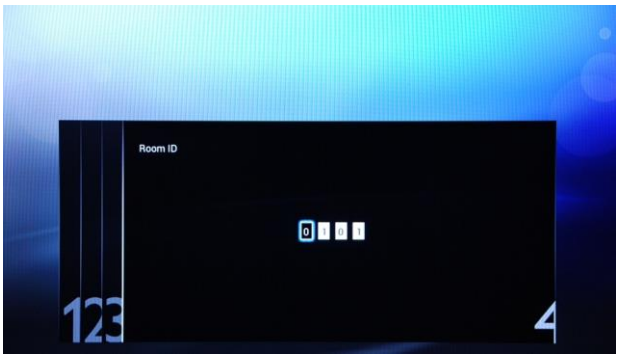
Now you can select the visual and hearing impaired options. If you select **[Yes]**, your TV will automatically turn on settings to help visual and hearing impaired people. THE MOST COMMON OPTION IS TO TURN THIS FUNCTION OFF, by selecting **[No]**.



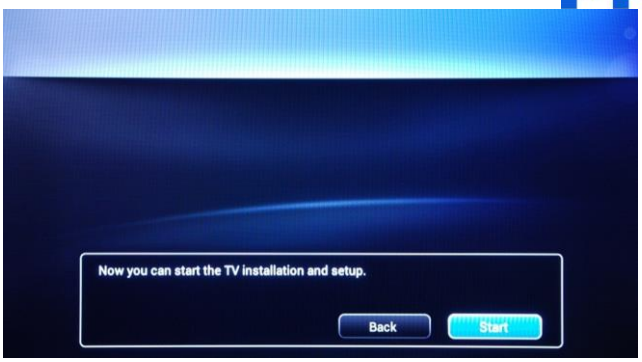
[Professional mode] can be enabled or disabled by selecting on of the options. If the selected option is **[ON]** TV will enable all the professional settings and will require the master remote control or the key sequence to access the Consumer or Professional Settings menu. If the selected option is **[OFF] TV** will behave as a consumer TV set.



Next page will allow you to set the **[Room ID]** option. The Room ID is used to allocate the TV to a specific room, a process which is mandatory for the SmartInstall upgrade procedure. Using the "Digit numbers" you can define the Room ID. If no Room ID is needed, just continue with **"OK"**.



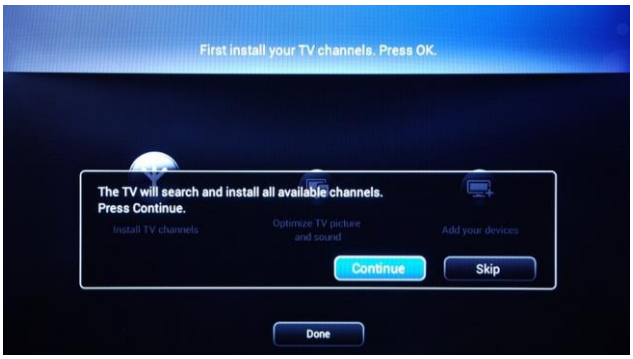
The initial setup of the TV is complete and TV will display the menu from below. Please select the **[Start]** option and press **"OK"** to move forward at channel installation.



The second part of the installation process will guide you through channel installation, optimize the TV picture and sound and add devices like: DVD players, consoles or other AV input devices.

For the channel installations, select **[Install TV channels]** and press **"OK"**. This will bring the TV channels installation wizard.

TV requires confirmation before starting the process of installing TV channels. Select **[Continue]** and press **"OK"** to continue. If you want to skip this step just select **[Skip]** and press **"OK"**, this action will require additional user interaction to install TV channels.



Here you can select the type of channels you would like to install and what preference you will use.

Installation
Cable and Antenna' install all analogue cable and all digital DVB-C and DVB-T channels. To install, press OK.
Antenna (DVB-T)
Cable (DVB-C) and Antenna (DVB-...
123

The options available are:

[Antenna (DVB-T)]: The TV will install all analogue and all digital video broadcast terrestrial channels (DVB-T).

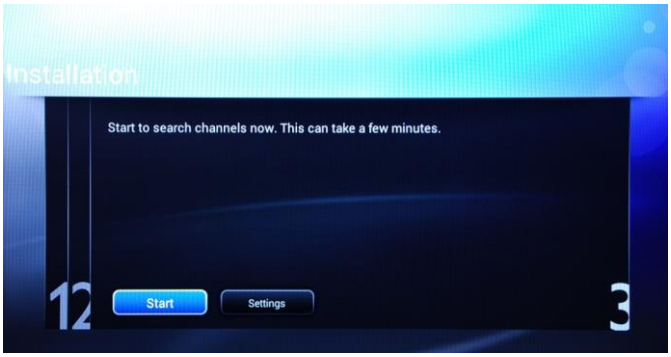
And

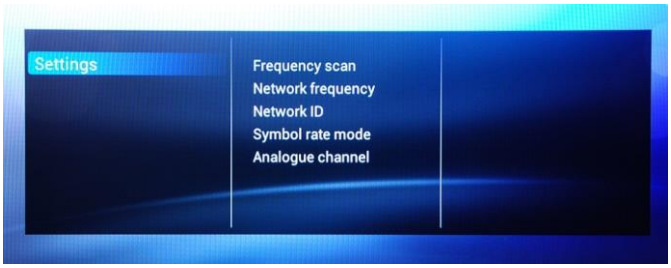
[Cable (DVB-C) and Antenna (DVB-T)]: The TV will install all analogue cable, all digital video broadcast cable channels (DVB-C) and digital video broadcast terrestrial channels (DVB-T).

> *Note: If you do not know what types of channels are available, select the second option because the TV searches for all types of TV channels.*

The next menu will allow you to select the broadcaster of the TV channels. If you select one of the broadcasters you need to provide values for Network ID and Network Frequency. These values allow the broadcaster to decide the order and position of every channel. Be aware that using this option might disable the possibility of rearranging channels. If you don't know the broadcaster or channels are provided by head-end select the option **[Others]** and press **"OK"** to move forward.

Before starting the search process it is advisable to check the **[Settings]** for search parameters and options.



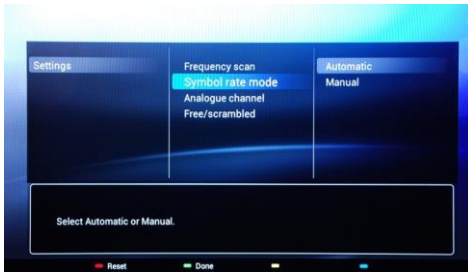


The options from the **[Settings]** menu are:

[Frequency scan] contains three options:

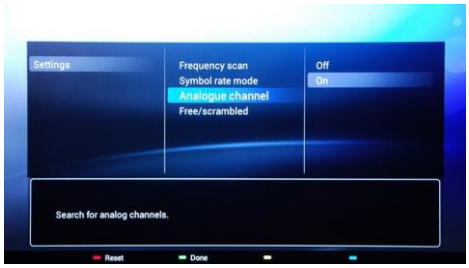
- **[Quick]**: this is a fast method to search channels but it might skip some channels (depending on the network).
- **[Full]**: the scan will search on all frequencies and will store all channels available. This is the safe method if you don't know the network parameters, but it takes more time.
- **[Advanced]**: If you know the network parameters like Network ID, Network Frequency, you can use this option, otherwise the safe option is to use the Full option.

Note: The options are depending on the selection of the country setting (page 9)



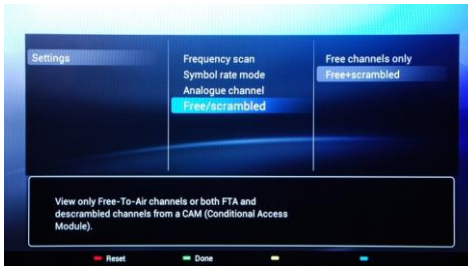
[Symbol Rate] options are:

[Automatic] and **[Manual]**. If you do not know the correct values for this option, please use the Automatic option.



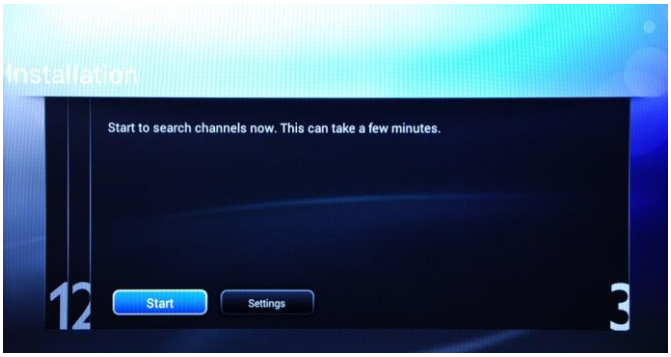
[Analogue channel]

If you don't have or you don't want to install analogue channels, you can disable the search for this type of channels.

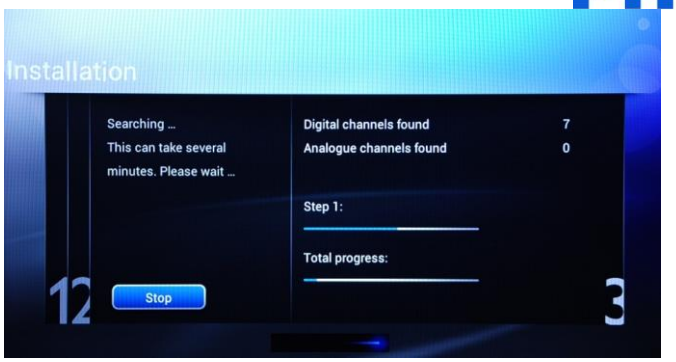


[Free/scrambled] options are:
[Free channels only]: The TV will search only for free to air (FTA) channels skipping the scrambled channels.
[Free + scrambled]: The TV will search for free to air (FTA) and scrambled channels.

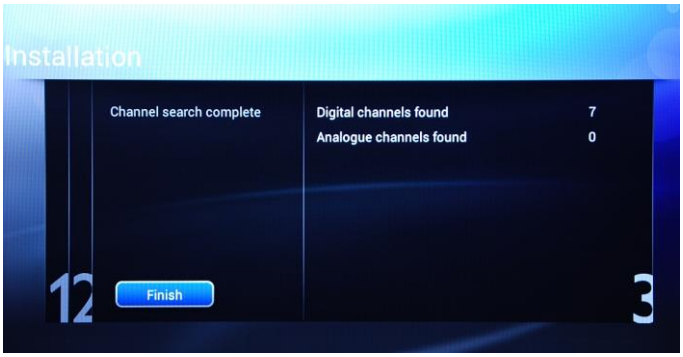
After you have checked or changed settings, press the **"Green Button"** to confirm the settings and to go back to page from which the search for channels can be started. Select **[Start]** and press **"OK"** to start the installation process.



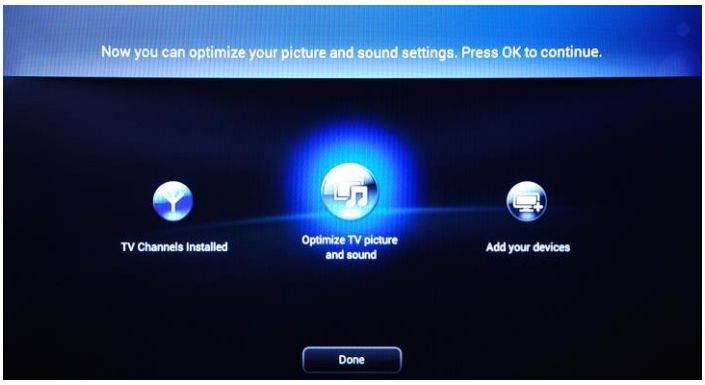
During the channel search you can see the progress bar and how many channels are found at that time.



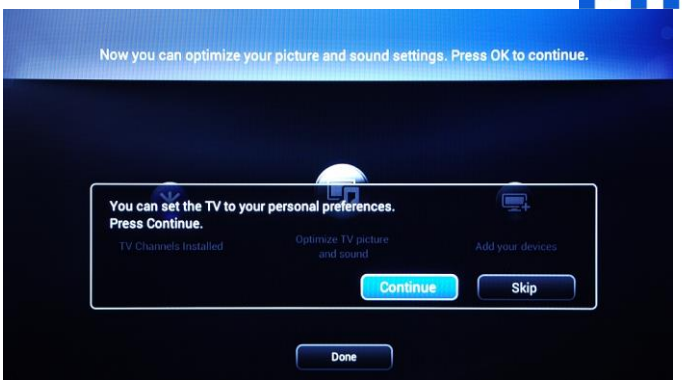
When the search is done, you should see **[Channel search complete]** and a summary of the channels found. Press **"OK"** button on the remote control to **[Finish]** the search.



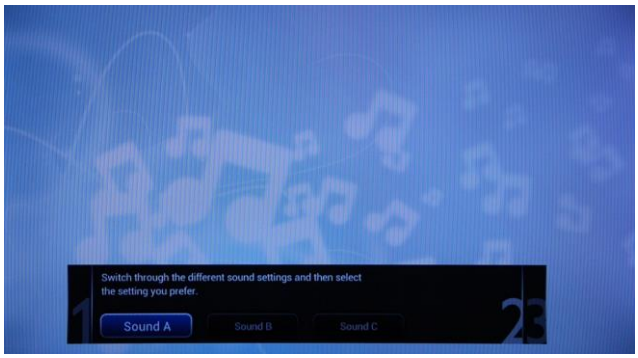
If you would like to change the picture and sound settings, you can go to **[Optimize TV picture and sound]** and press the **"OK"** button on the remote control.


Now you can optimize your picture and sound settings. Press OK to continue.
TV Channels Installed
Optimize TV picture and sound
Add your devices
Done

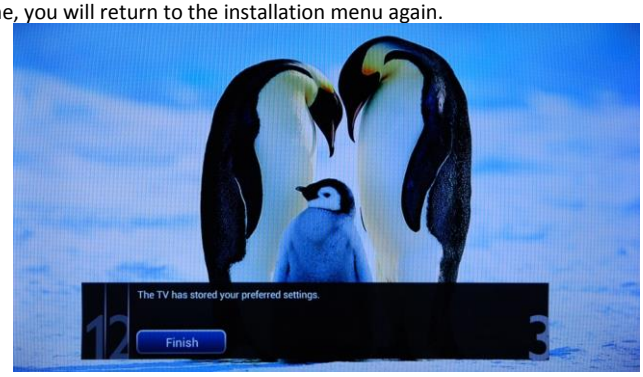
A wizard will start to guide you through the process of setting the sound and picture on the TV set. All the options presented by this guide can be found in the Consumer Setup menu at **[Picture]** and **[Sound]** settings. Select **[Continue]** to start the wizard and press the **"OK"** button on the remote control.


Now you can optimize your picture and sound settings. Press OK to continue.
You can set the TV to your personal preferences.
Press Continue.
TV Channels Installed
Optimize TV picture and sound
Add your devices
Continue
Skip
Done

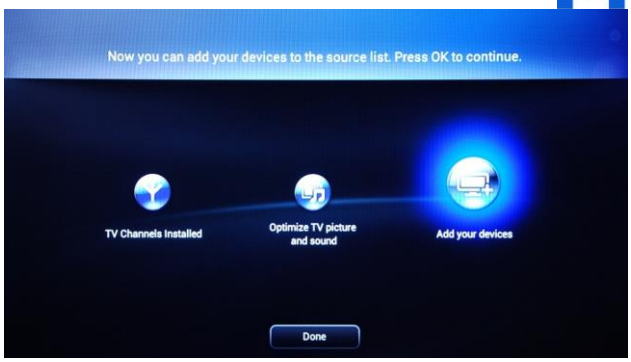
The wizard will ask you some questions about which image you prefer, select the option you desire and press “OK” on the remote control.



Once this wizard is done, you will return to the installation menu again.



The last option in this menu is **[Add your devices]**. This can be done if you would like to add a DVD player or STB.

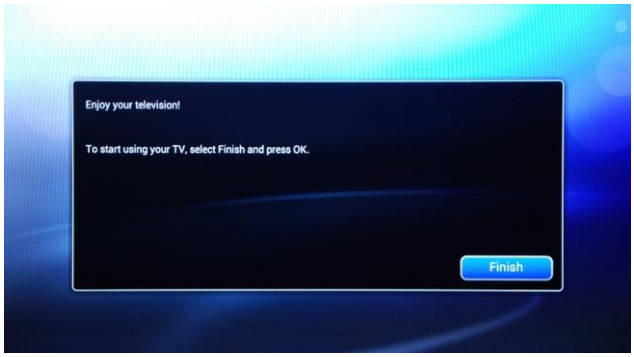

Now you can add your devices to the source list. Press OK to continue.
TV Channels Installed
Optimize TV picture and sound
Add your devices
Done

When you are done with this, select **[Done]** and press **"OK"** on the remote control.

You have finished the TV installations and setup. Press OK.
TV Channels Installed
Optimize TV picture and sound
Add your devices
Done

After pressing **[Done]** you have completed the installation of the TV and you should see this screen. Press "OK" on the remote control to exit this wizard.

Note: This wizard will not be available anymore when you start the TV the next time. The only way to re-use this wizard is to reinstall the TV set.



The initial setup of the TV is complete. TV is displaying the Guest menu. Pressing **[Watch TV]** the menu will be close and TV will show first TV channel.

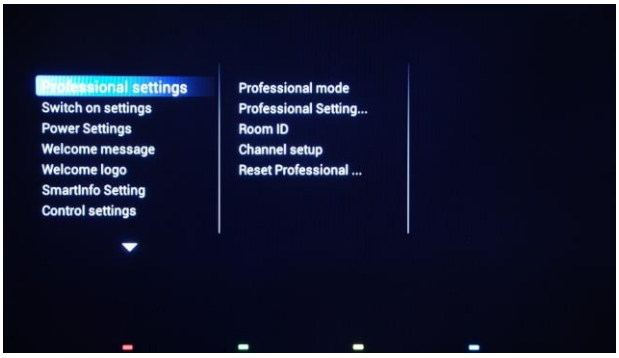
Continue with channel (re)ordering and setup of the Professional menu for a complete installation of the TV set.

5. Channel options

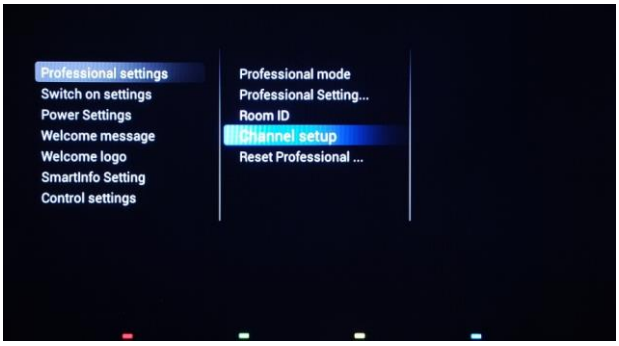
Before continuing with the Consumer and Professional menu setup it is recommended to set the TV channels grid. Based on channel grid options like **[Switch ON Channel]**, **[Clock Download Program]** and **[MyChoice]** packages can be easily set up.

To reorder the TV channels, hide or rename the TV channels you need to access the channel plan from the Professional Settings menu. In the Guest menu you cannot rearrange channels. To access the **[Professional Setup]** menu with master remote control, press the **"RC6 SETUP"** key and then press the **"Home/Menu"** button, followed by "OK" key. Using the guest remote control, press the following keys sequence: **"3,1,9,7,5,3,MUTE"** followed by "OK" key.

The **[Professional Settings]** menu will be displayed like in the picture below.

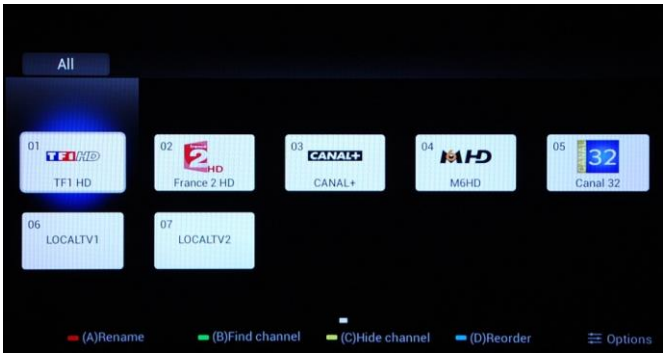


Go to the **[Channel setup]** option and press **"OK"** to access the submenu.



The warning message which informs you that "all unsaved changes will be discarded" will popup. Select **[Yes]** and press the **"OK"** to confirm.

The channel grid with all installed channels will be displayed.



All the options available in this menu are displayed on the bottom part of the screen and can be accessed by pressing the corresponding color on the remote.

Rename channels allows you to change the name of the channel by pressing the **"Red"** button on the remote.

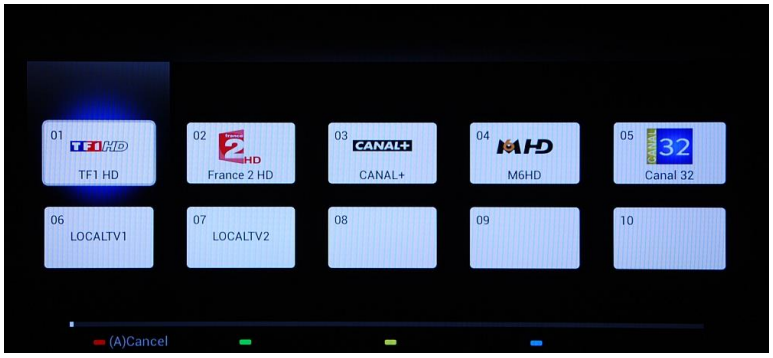
The name of the channel will be displayed. Pressing the **"OK"** button will bring up the on screen keyboard which can be used to easily change the name of the channel. Using the color buttons mentioned on the bottom part of the screen you can use additional options and characters.

If the TV channel renaming action is complete, select **[Done]** and press **"OK"** to return to the **[Channel settings]**.

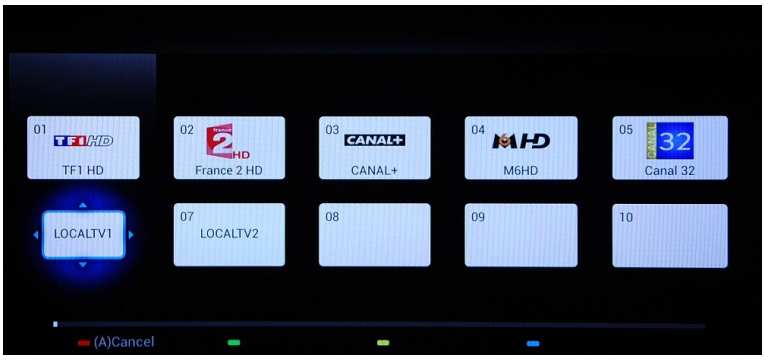
[Green] button will give the option to search between installed channels. The TV will not search for new channels.

[Yellow] button has the function to hide channels. You cannot delete channels from the channel grid, but you can use this option to hide the channels. The channels which are hidden will not be displayed in the channel grid and cannot be accessed with the guest remote.

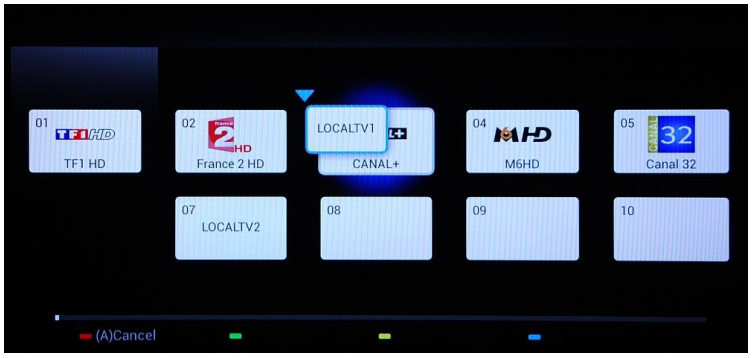
[Blue] button can help you to rearrange the channel plan. The blue aura displayed on the channel is your selection.



Navigate to the channel that you want to move and press **"OK"** on the remote control to select that channel.



When the channel is selected the icon is smaller and an arrow is indicating that the channel can be moved. Using the **[Arrrow]** keys to navigate to the new position of the TV channel and press to deploy the channel on new position.



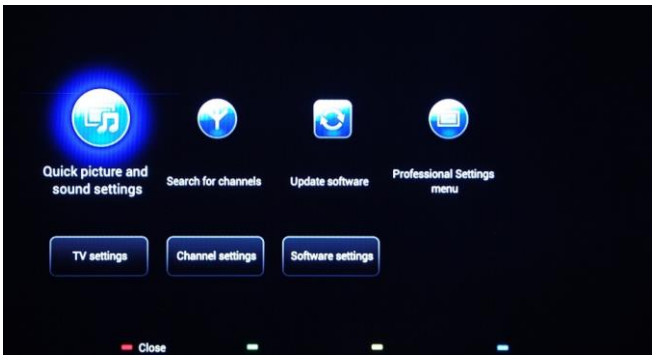
The channel moved will swap position with the channel that was selected.

The **“Options”** button allows sorting between different types of channels for an easier managing of TV channels.

When all TV channels are on the correct position press the **“Back”** button to exit from all menus.

6. Consumer Setup Menu

Using the master remote you can access the Consumer Setup menu and Professional Settings menu by pressing the **"RC6 SETUP"** key and then press the **"Home/Menu"** button. With the guest remote control, press the following keys in sequence: **"3,1,9,7,5,3, MUTE"**.



The Consumer Setup menu allows you to change different settings which are not available in the Guest Menu.

The top part contains wizards for different items and options.

[Quick picture and sound settings]: Wizard for best picture and sound based of few presets.

[Search for Channels]: From this menu a new search for channels can be started.

[Update software]: TV software update can be easily started using this menu. Make sure that the USB drive inserted contains the latest software.

[Professional Settings Menu]: The professional settings of the TV which are explained in chapter 7.

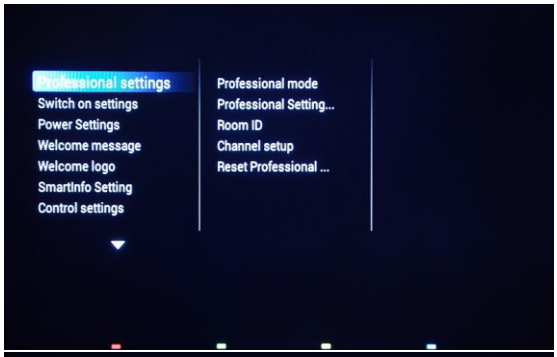
The bottom part of the Consumer menu contains all settings for picture; channel settings and software upgrade mechanism. These settings might have a correspondent in the Professional menu which will lead as behavior (e.g: Automatic channel update)

[TV Settings]: general settings for "Picture", "Sound" and "General settings"

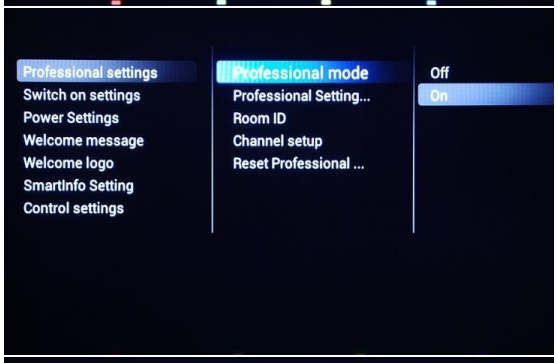
[Channel Settings]: general settings for "Language", "Channel installation" and "Child lock"

[Software settings]: information on "current software info", selecting "local updates", "look for OAD updates" (SW)

7. Professional Settings



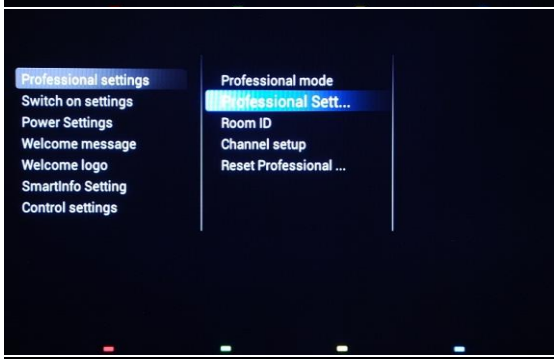
[Professional Settings]
Settings especially designated for hospitality.



[Professional Mode]
[Off]: The TV operates as a basic (consumer) TV.

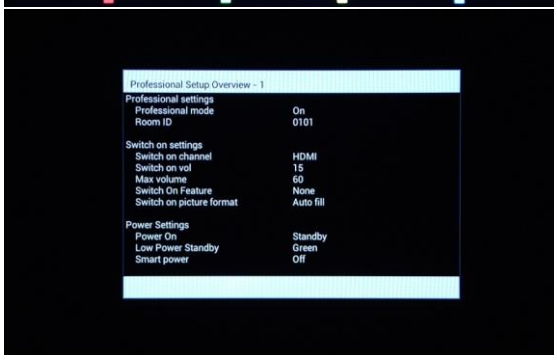
[On]: All settings in the Professional Settings Setup menu are active.

Only by switching on this mode the TV will act as a Hospitality TV.



[Professional Settings Overview]

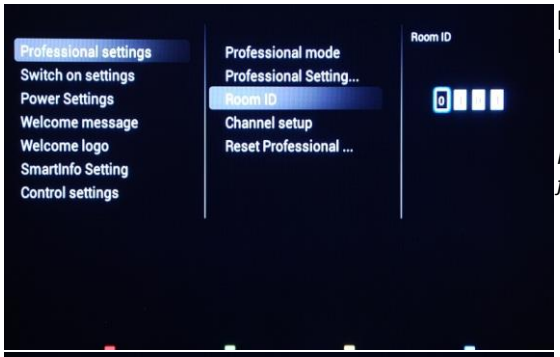
Display an overview of the Professional settings.



[Professional Settings Overview]

Example of the Professional Settings menu.

Note: No value can be changed.



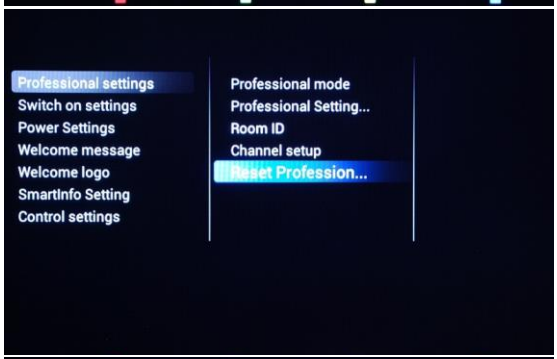
[Room ID]
Entry field to store 4 digits to set the Room Identifier.

Room ID can be used to distinguish between different floors/rooms/setups when using SmartInstall.

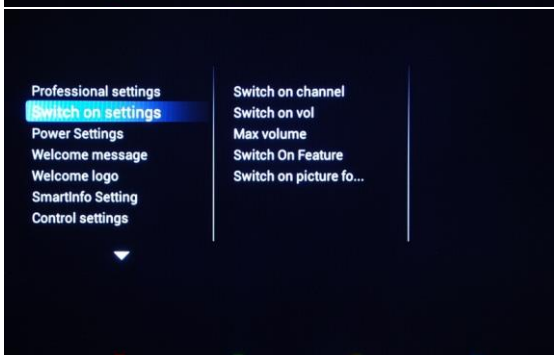
[Channel setup]
A shortcut to enter the channel grid (check Channel Options).

In this grid you can reorder, rename and hide channels.

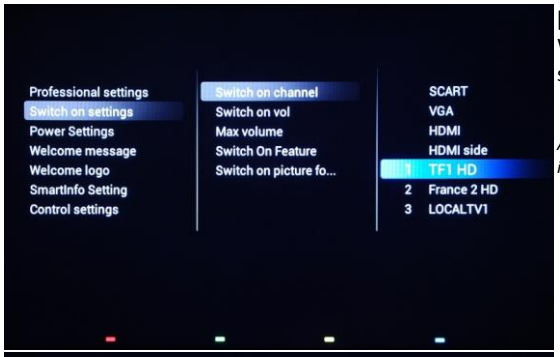
Note: Using this shortcut will trigger a popup screen which warns about losing settings in the Professional settings menu if you continue. Select discard if you want to stay in the Professional settings menu or continue.



[Reset Professional Settings]
Reset all settings from Professional mode to default values.

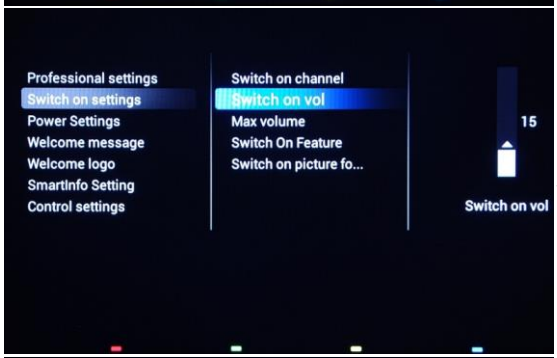


[Switch on settings]
All settings from this submenu are applied when the TV set is powered ON.



[Switch on channel]
When the TV is switched on it will start up on the specified source/channel.

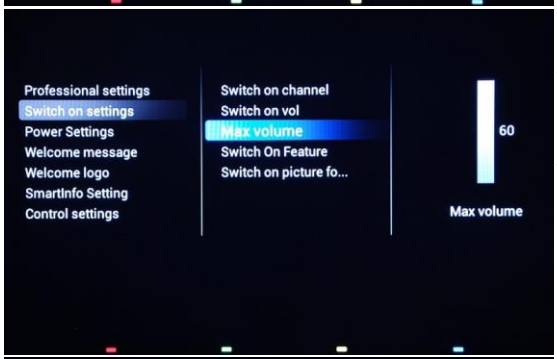
Available EXT1, EXT2, VGA, HDMI, HDMI side, AV side or one of the installed TV channels.



[Switch on volume]

When the guest switches the TV on, it will play at the specified volume level.

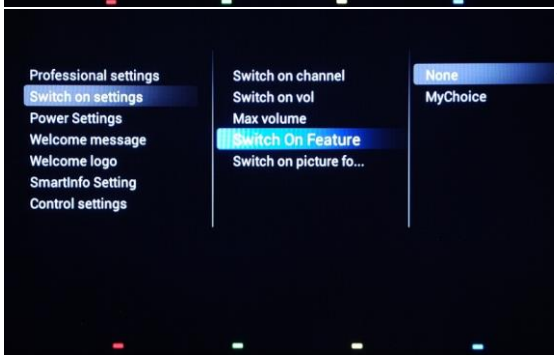
Selectable value from 00 until 60.



[Maximum volume]

This option specifies the maximum allowable volume level of the TV.

Selectable value from 00 until 60.



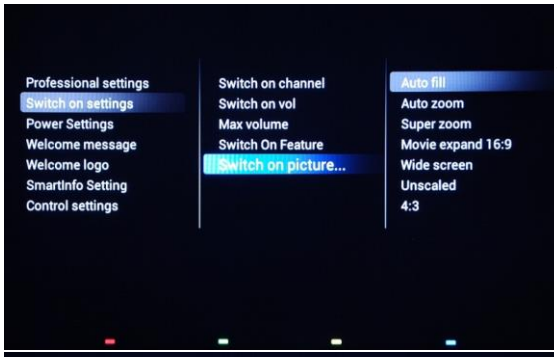
[Switch On Feature]

This option could activate MyChoice at startup.

Note: Use this option only if you are using MyChoice and you configured the feature. Check page 50.

Field Code Changed

Formatted: Not Highlight



[Switch on picture format]

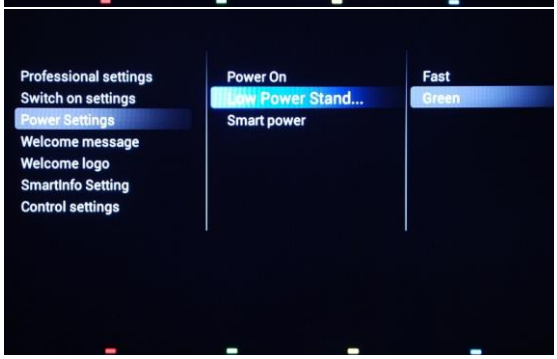
This setting allows you to set a switch on picture format.

[Power Settings]
All settings from this submenu are related to power consumption and behavior during power cuts.

[Power On]

The **[Power On]** function allows the TV to enter a specific mode **[On]** or **[Standby]** of operation when the mains power is activated (cold start):

[On]: The TV will always turn on (show startup channel) after the mains power is connected.
[Standby]: When set, the TV will always turn to standby (status as defined in Low power standby option) after the mains power is connected.



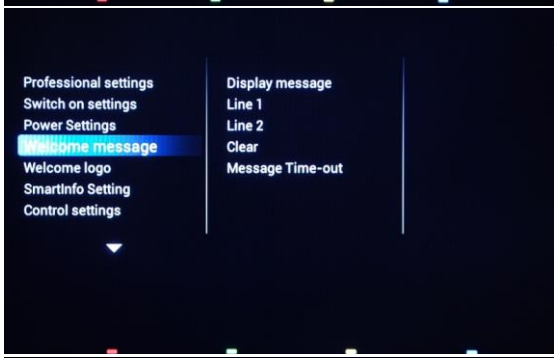
[Low power standby]

The Low power standby option defines the TV to enter a specific standby mode after pressing the On/Off button on the remote control.

[Fast]: The TV will quickly turn on (This mode will consume more power in stand-by compared to Green mode).
[Green]: The TV will turn on less fast. (This mode will consume less power in stand-by compared to Fast mode).

[Smart Power]
The power consumption for the Smart power mode is defined by the Smart Picture setting in the TV Setup part.

[Off]: The TV will start with Standard Smart Picture setting, but the setting can be changed in the guest setup mode.
[On]: The TV will start with default Smart Picture setting and Smart Picture setup and is not selectable in the guest setup.



[Welcome message]
The settings from this submenu will allow you to configure the welcome message, which is displayed at every power ON.

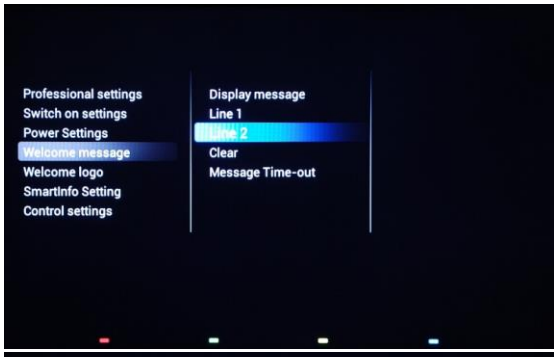
[Display message]

[On]: To enable the welcome message.
[Off]: No welcome message

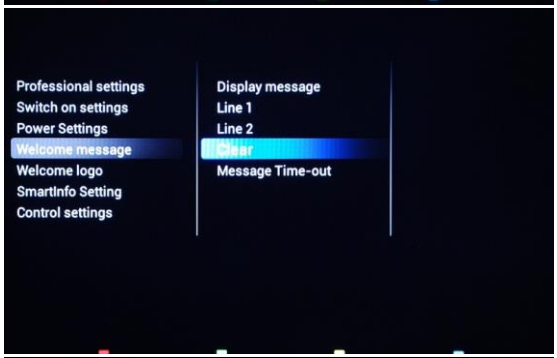
[Line 1]
Line 1: First line of the welcome message.

When pressing the “OK” button on the remote control while editing line 1 or 2, a virtual keyboard will pop up on the screen.

Note: Maximum 20 characters per line.



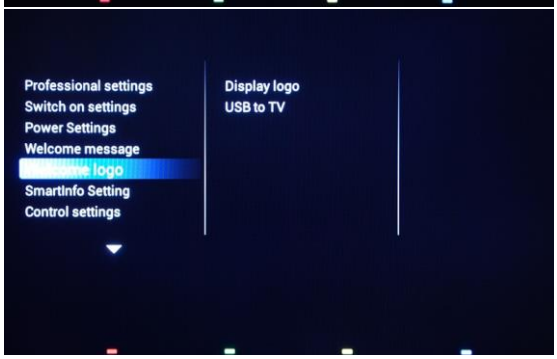
[Line 2]
Line 2: Second line of the welcome message.



[Clear]
Will delete the current welcome message.

[Message Time-out]
Sets the period of time to display the welcome message on the screen when TV is turned on from standby.

Selectable values: 20, 25, 30 seconds.



[Welcome logo]
Enables / disables the showing of the stored welcome Logo at start-up when the TV starts up in Green Mode (see Power Settings):

[Display logo]
Enables / disables to show the stored welcome Logo at start-up when TV starts up in Green Mode (see Power Settings):

[Off]: When set to Off, the TV will hide the Welcome Logo at start-up.
[On]: When set to On, the TV will show the Welcome Logo at start-up.

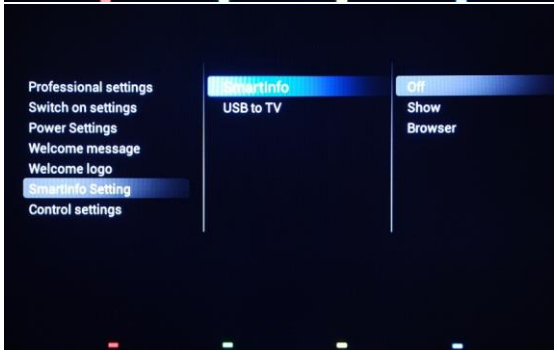
[USB to TV]
This option will upload the welcome logo from the USB stick to the TV's internal memory.

Check page 45

[SmartInfo setting]

Configure the SmartInfo feature.

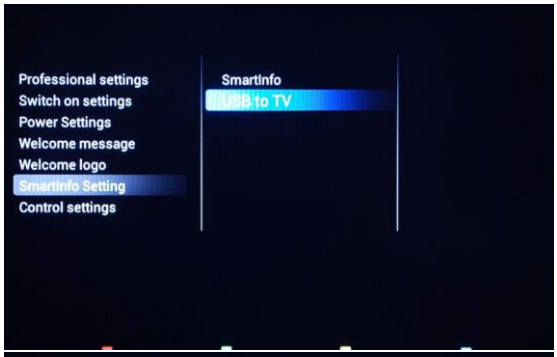
Check page 45 / 46



[SmartInfo setting]

Configure the SmartInfo feature.

Check page 45 / 46



[USB to TV]

This option uploads the pictures or the webpages in the TV memory.

You should only use this when configuring the master TV. SmartInfo content can be cloned via USB.

[Control Settings]

The settings from this submenu will provide access to the functionality of the TV

[Local KB lock]

[Off]: The local keyboard (control buttons on the TV) is enabled.
[On]: The local keyboard (control buttons on the TV) is disabled, power button still enabled.
[All]: The local keyboards (control buttons on the TV) are disabled.

[RC lock]

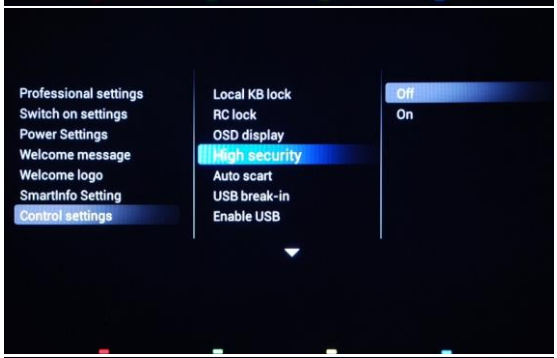
[OFF]: All buttons on the Guest remote control will function normally.
[On]: All buttons on the Guest remote control are disabled.

Master remote control 22AV8573 (yellow) or RC2573 (green) commands are not affected by this setting.

[OSD display]

Set this function to show or hide on screen information.

[Off]: On screen information is suppressed.
[On]: Normal on screen information is displayed.



[High security]

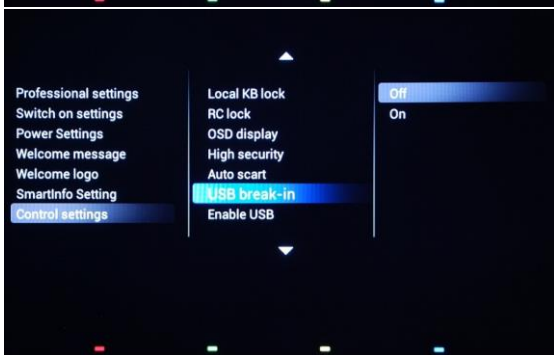
[Off]: Professional setup menu can be accessed by both Guest remote control and Master remote control 22AV8573 (yellow) or RC2573 (green). Guest remote control access to set up menu is only possible with code **"3,1,9,7,5,3, Mute"**

[On]: Professional setup menu can only be accessed by the Master remote control 22AV8573 (yellow) or RC2573 (green).

[Auto scart]
Enables auto scart switching (or break-in) in Professional mode.

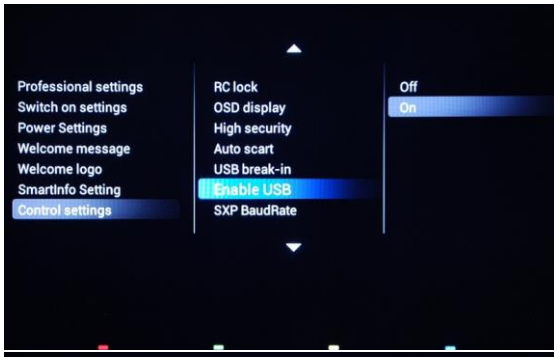
[On]: Enables auto scart switching or break-in.
[Power On Scart]: Enables auto TV start On/Off when detecting scart break-in. Never use this feature without a connected STB.

[Off]: Disables auto scart switching or break-in.



[USB break-in]

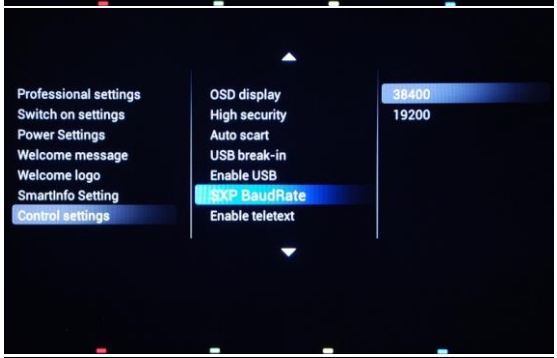
[Off]: When a USB device is plugged in, the [Multimedia] menu will not appear automatically, but users can access [Multimedia] menu from the Consumer menu by selecting "Browse USB".
[On]: When a USB device is plugged in, the [Multimedia] menu appears automatically.



[Enable USB]

[Off]: Disables USB multimedia functions.
[On]: Enables USB multimedia functions.

Feature is not influencing cloning and/or software upgrade via USB.



[SXP Baudrate]

Sets the Baud rate for the Serial Express communication channel to be 38400 or 19200 Baud (bits per second).

[Enable teletext]

Enables or disables the use of Teletext OSD on pressing the Teletext button:

[Off]: Disables Teletext.
[On]: Enables Teletext.

[Enable MHEG]

Enables or disables the use of MHEG OSD on pressing the MHEG button:

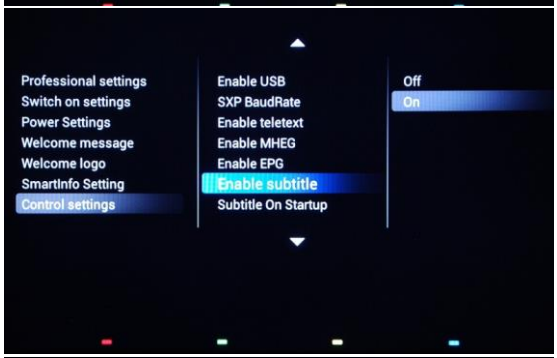
[Off]: Disables MHEG.
[On]: Enables MHEG.

[Enable EPG]

Enables or disables the use of EPG OSD on pressing EPG button:

[Off]: No EPG services available
[ON]: Enable EPG services

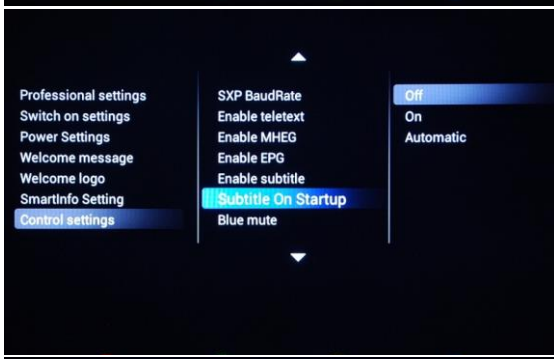
Note: EPG availability depends on local conditions.



[Enable subtitle]

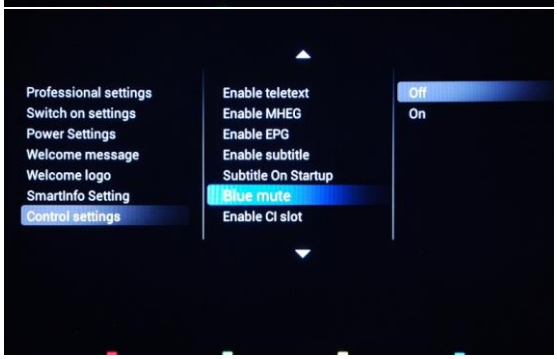
Enables or disables the use of subtitles in a DVB broadcast channel:

[Off]: No subtitle services available
[On]: Subtitle services available



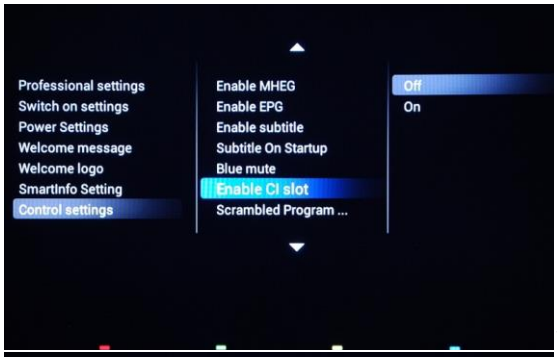
[Subtitle On Start-Up]

Enables or disables the use of subtitles at start-up:
[Off]: No subtitles services available
[On]: Subtitles services available
[Automatic]: Subtitles services when TV audio is muted



[Blue mute]

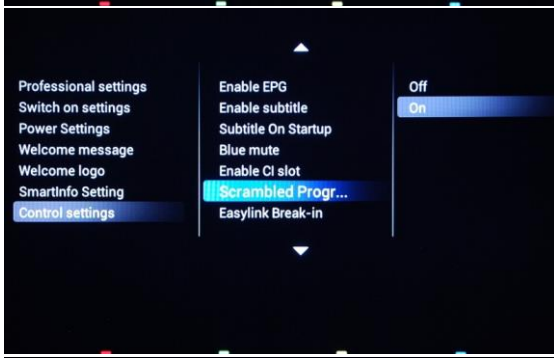
[Off]: The background color is set to black in case of no video signal on selected source.
[On]: The background color is set to blue in case of no video signal on selected source.



[Enable CI-slot]
Enables or disables the use of the integrated CI/CI+ slot:
[Off]: No pass through of the TV input signal via the CI Slot Card is possible; the use of CI Card slot is not possible.

[On]: Pass through of the TV input signal via the CI-Slot Card is possible; the use of CI-Card slot is possible.

!! Check with your local operator if your CI-Card is compatible with this TV.
Note: Due the fact that some decryption card have validity period Setup the clock download program should be proper configured.



[Scrambled Program Display]

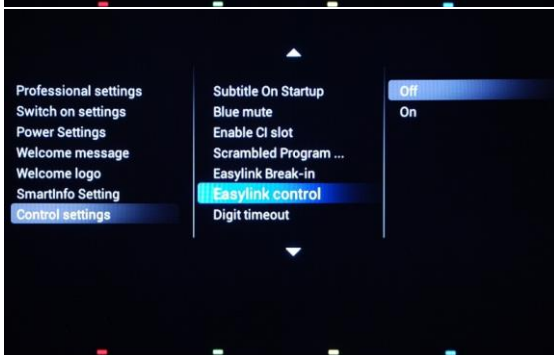
OSD message is displayed if TV channel is scrambled and requires CI+ module for decryption.

[ON]: The message will be displayed
[OFF]: The message will be suppressed and will be no indication why the TV

[Easylink Break-in]
Enables or disables the HDMI-CEC standby feature in Professional mode:

[Off]: Not able to switch on the TV by external HDMI-CEC devices.

[On]: Able to switch on the TV by external HDMI-CEC devices.



[Easylink control]
Enables or disables the HDMI-CEC one touch play feature in Professional mode:

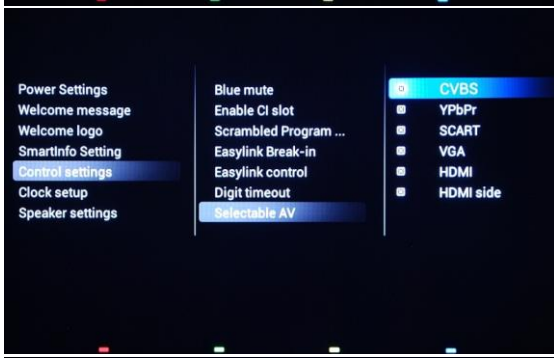
[Off]: Disables TV functionality to control external HDMI-CEC devices.

[On]: Enables TV functionality to control external HDMI-CEC devices.

[Digit timeout]

Defines the time interval between numeric buttons presses when users will access two or three digits channels.

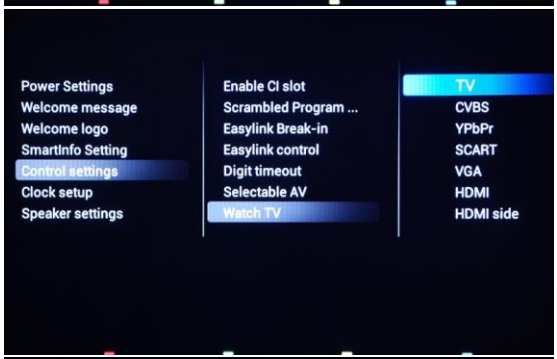
Selectable values from 0.5 to 9.9 seconds.



[Selectable AV]

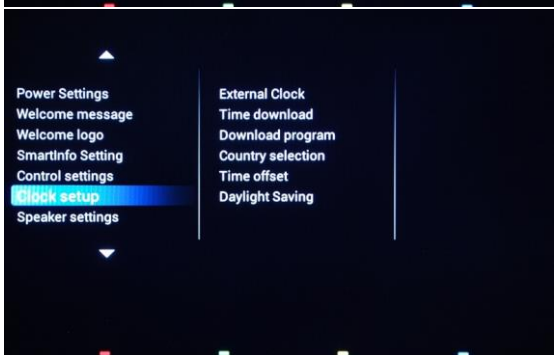
Allows the installer to define which external sources to be displayed on the source list when pressing AV button on the Guest remote control.

Note: Only the sources marked [X] appear in the source list.



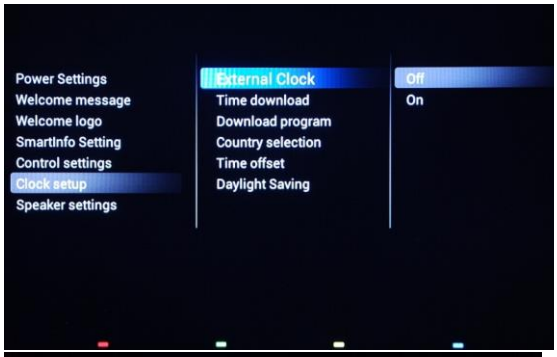
[Watch TV]

Select the function for **"Watch TV"** button on the remote control.



[Clock setup]

Settings for the TV clock.

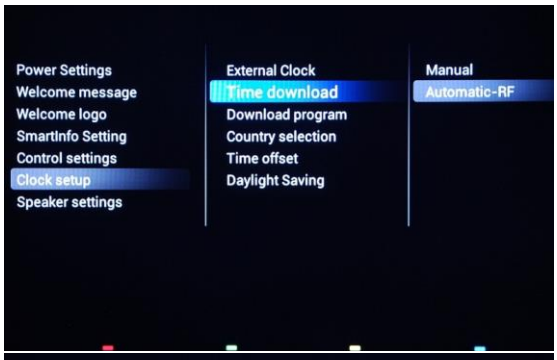


[External Clock]
Enable or disable the external clock functionality.

[OFF]: USB external clock will not be active.
[ON]: USB external clock will display time.

[Display OnScreenClock in FastStandby
Enable or disable the On Screen Clock during Standby (only applicable when [Low Power Standby] is set to [Fast).

[OFF]: OnScreenClock (Standby) will not be active.
[ON]: OnScreenClock (Standby) will be active.



[Time Download]
Select the source for the clock time:

[Manual]: The clock time is set using the Time Setting option.

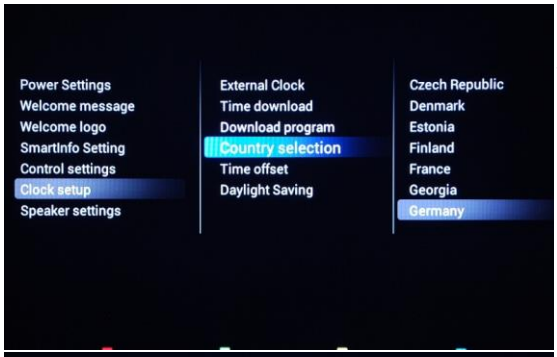
[Automatic-RF]: Clock time is retrieved from the "Download Program" channel.

Note: If the power is disconnected the TV will lose the time set.

[Download program]

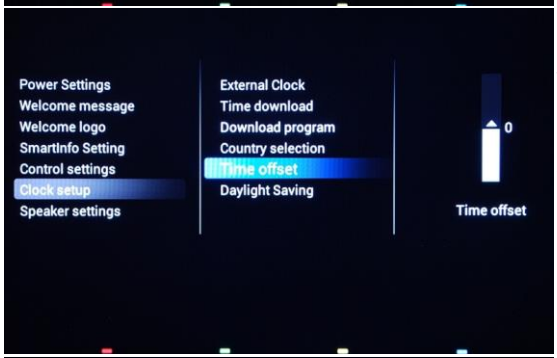
To select channel to download clock information.

Note: Correct clock information is required for correct EPG data and MyChoice functionality.



[Country selection]

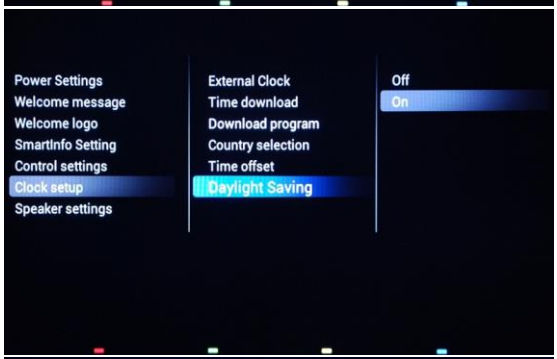
To select the original country from the channel chosen at "Download program".



[Time offset]

To set the time offset.

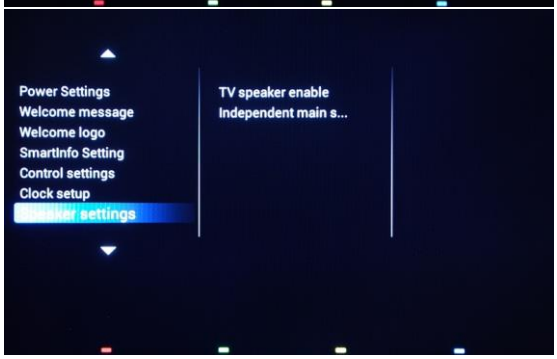
In case the clock download information is not correct for your region you can set an offset here to correct this.
Note: Selectable value between -12 and +12.



[Daylight saving]

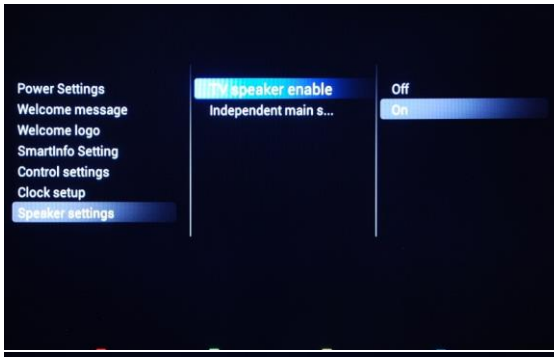
Enables the automatic switch between Winter Time and Summer Time.

[OFF]: Daylight saving time is disabled. No time correction will be applied while switching between winter and summer time.
[ON]: Daylight saving time is enabled.



[Speaker settings]

Submenu with speaker settings.



[TV speaker enable]

[Off]: Disables the TV Main speakers. The headphone output is not affected by this setting.
[On]: Enables the TV Main speakers.

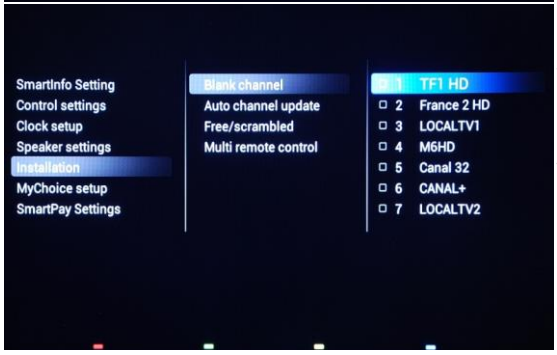
[Independent main speakers]

[Off]: The volume +/- on the Guest remote control will affect both the TV Main speaker and the headphone volume.
[On]: The volume +/- on the Guest remote control will affect both the TV Main speaker and the headphone volume.

After pressing "MUTE", the volume +/- on the Guest remote control will not reactivate the TV Main speaker volume, but will only control the headphone volume.

[Installation]

Channel settings and multi remote control.



[Blank channel]

The Blank channel function disables the display of video on the TV, but does not affect the audio output.

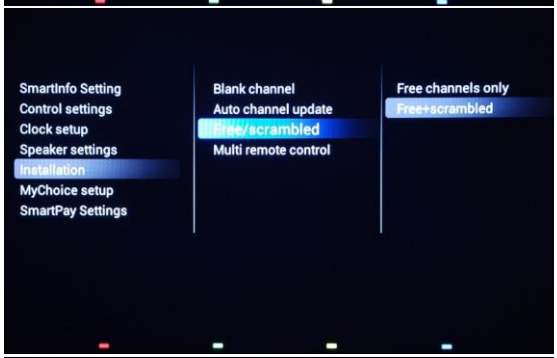
Select or deselect can be done by pressing "OK" button on the remote control.

Note: The channels marked with X will not display video on the TV.

[Auto channel update]
Channel plan is automatically changed when the channel information is broadcasted in the network.

[ON]: Enables automatic channel update.
[OFF]: Disables automatic channel update.

*Note: The recommended setting is **[OFF]** to keep the channel list in the original configuration.*

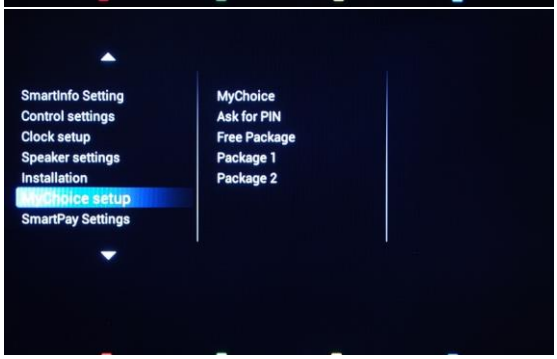


[Free/scrambled]

[Free channels only]: Only free channels are displayed in the channel list.

[Free+scrambled]: Allows scrambled channels in the channel list. On scrambled channel an OSD message will be displayed informing the state of the channel.

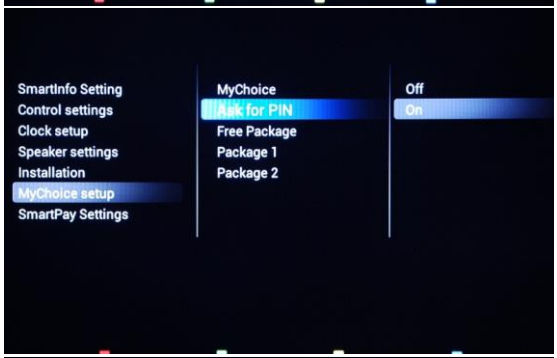
[Multi remote control]
To set the color of the TV in multi remote.
Guest remote control supports up to 14 televisions operating in one room without interference from each other's remote controls. Each TV and a Guest remote control can be set to match.
Check multi-remote



[MyChoice] setup menu

[MyChoice]

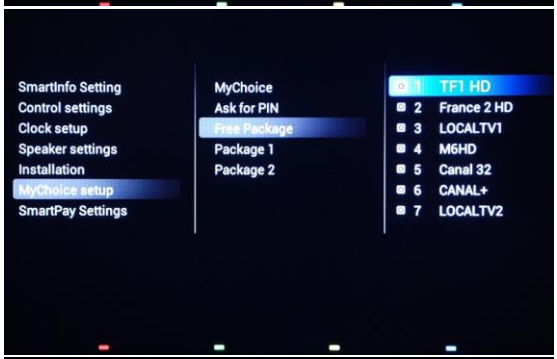
[Off]: Disables MyChoice function.
[On]: Enables MyChoice function with scratch cards.
[ON Credit]: MyChoice works with MyChoice Credits.



[Ask for PIN]

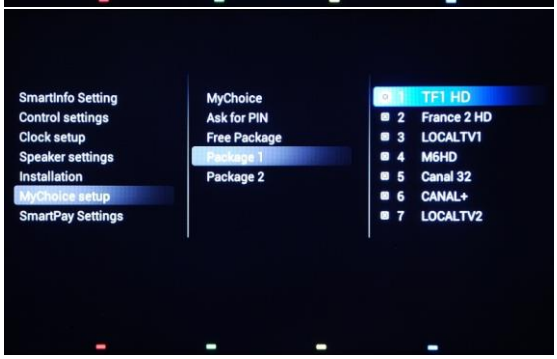
[OFF]: The code is required only one time at activation. A new code request will be requested when the validity is expiring.

[ON]: Pin Code is required ever time when the feature is used. Every time when the TV set is switched **[ON]**, the feature will require the pin code.



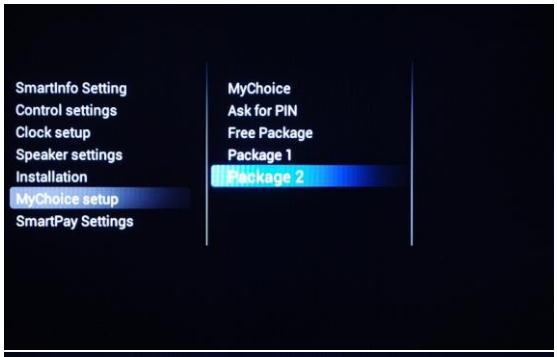
MyChoice configuration:

Free Package: Channels free to view



MyChoice configuration:

[Package 1]: TV Channels included in the package.



MyChoice configuration:

[Package 2]: TV Channels included in the package.

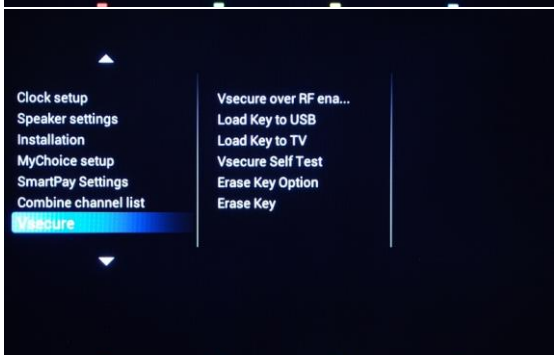
[SmartPay]
Enable or disable SmartPay.

[OFF]: The feature is disabled.
[ON]: The feature is enabled.

[Combine channel list]
External sources will be added to the channel list.

[OFF]: The external sources are not present in the channel list.

[ON]: The external sources will be present at the end of the channel list.



[VSecure]

VSecure is the hospitality content scrambling method used by the Philips Hospitality TVs. If you are interested to use it please contact the local Philips Hospitality TV sales representative.

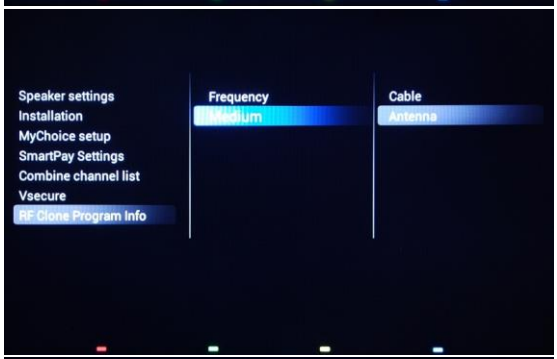
[RF Clone Program Info]

All the settings from this submenu are used for SmartInstall.

[Frequency]

The frequency for SmartInstall can be modified in this menu.

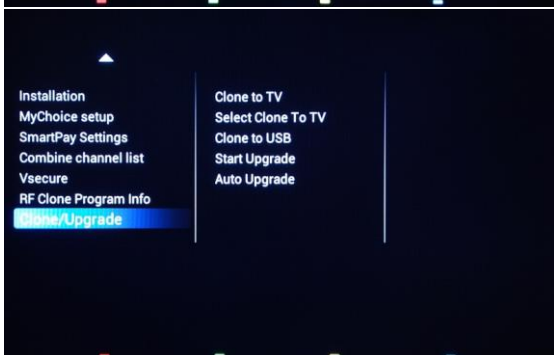
Note: Default value is 706 MHz



[Medium]

Defines the type of digital channel used for SmartInstall.

Note: SmartInstall is working only via Antenna cable type (DVB-T)



[Clone/Upgrade]

Cloning and upgrade options are available in this menu.

[Clone to TV]

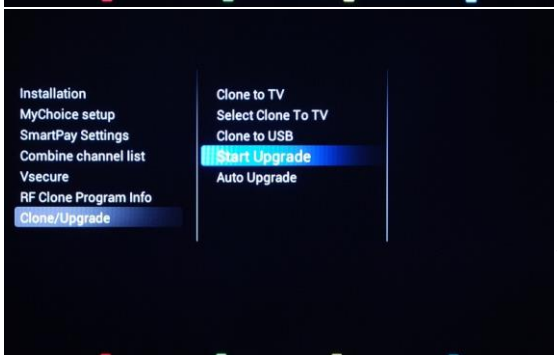
All settings are copied from USB drive to TV.

[Select Clone to TV]

Select the cloning data for cloning from multiple files.

[Clone to USB]

Clone the settings from the TV to the USB.



[Start Upgrade]

RF upgrade can be manually started by pressing **"OK"**. The TV set will auto switch OFF and will search for new software and cloning data on RF network.

Note: RF cloning and software upgrade takes between 45-60 minutes depending on network topology and will start after 5 min. being in Standby. As long as the Standby LED is blinking, the TV is in upgrade mode.

[Auto Upgrade]

RF upgrade will be enabled automatically at 4 A.M. If the TV is in standby, the TV will search for SmartInstall broadcast.

[OFF]: RF cloning and upgrade via SmartInstall is disabled.
[ON]: RF cloning and upgrade via SmartInstall is enabled.

To store settings press **"HOME"** (MENU button). The following menu will be displayed:

[Discard]: All changes in the Professional setup menu will be discarded and TV will return to TV channel.

[Store and Restart Later]: All changes are saved but will be applied only when TV will restart.

[Store and Restart Now]: TV will store the settings and will restart to apply all the settings.

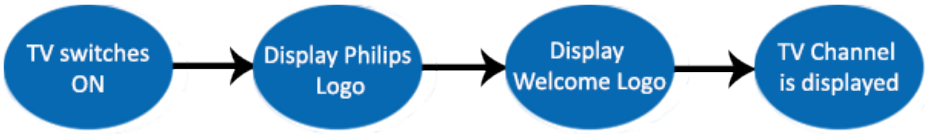
After restart it is highly recommended to check the channel list, settings and options enabled. If the check did not reveal any problems and all specifications are in accordance with the requirements, you can proceed to the cloning master TV settings on the rest of the TVs. **Check how to clone settings.**

8. Welcome Logo

IMPORTANT: Total amount of size for SmartInfo and Welcome Logo MUST be smaller than 64 Mb (megabyte)

There is 1 Philips logo displayed at startup. The logo can be replaced by a picture uploaded via USB.
File format: 1280 x 720.png file. The welcome logo is display only if Low power standby is set to Green and TV is in deep standby state before switching ON.

Note: Below the startup process is described. The switching time can be influenced by the low power standby, features activated at startup and switch ON channel type (HD or SD).



How to upload Welcome Logo

1. Create graphics file: 1280 x 720.png with logo.
2. File name: **TPN142HE_WelcomeLogo.png** (File name is case-sensitive)
3. Save into the TV cloning data folder "**TPN142HE_CloneData\MasterCloneData**"
4. Insert USB device into TV
5. Enter **[Professional settings]** menu
6. Go to **[Welcome logo]** -> **[USB -> TV].** This action will load the USB in to TV memory.
7. Go to [**Display logo]** and set the option **[On]** to enable Welcome Logo.
8. Go to the main menu and select **[Power Settings]** → **[Low power Standby]**: Set the value to Green.
9. Press the **"HOME/MENU"** button to save and exit. Select the option **[Store and Restart now]** and press **"OK"**. TV will store the settings and restart to apply the new settings.

8.1 SmartInfo

The SmartInfo feature can be used in two ways, as a picture slide show or as user interaction pages. The two ways of using SmartInfo are not complementary and cannot be used both at the same time. SmartInfo can display the pictures or the webpages by pressing the **"SmartInfo"** button on the remote. To close SmartInfo press the "Menu" or the "TV" button. For both cases the pages are stored in the TV memory and can be changed via USB flash drive or SmartInstall.

In the [Professional Settings] menus the options for SmartInfo are:

SmartInfo: OFF -> SmartInfo is not enabled.
SmartInfo: Show -> SmartInfo is configured as picture slide show
SmartInfo: Browser -> SmartInfo is configured to use webpages.
Note: Due the fact that EasySuite doesn't have a network interface, pages outside of TV memory cannot be accessed. TV memory is in max. 64 MB.

8.2 SmartInfo Show

SmartInfo used as Show contains pictures uploaded in the TV memory which are changed by the TV set automatically at every 8 seconds. The pictures are displayed in a loop and the guest cannot influence the speed or the order of displaying.

How to upload pictures for SmartInfo Show

1. Create JPEG graphics files with a maximum resolution of 1920 x 1080 pixels. Pictures with lower resolution will be upscale to 1920 x 1080 pixels.
2. File name should be: **file_01.jpg**
   a. For multiple picture files the names should be consecutive. Example for 4 pictures in SmartInfo Show: file_01.jpg
   file_02.jpg
   file_03.jpg
   file_04.jpg
3. Save the files into to following folder: **TPN142HE_CloneData\MasterCloneData\SmartInfoImages**
The folder **TPN142HE_CloneData** should be in the root of the USB flash drive.
4. Switch ON the TV and wait until the TV channel is displayed.
4. Insert the USB flash drive into the TV set. If USB media player is activating press the **"TV"** button to return to the TV channel.
5. Enter **[Professional settings]** menu.
6. Go to [**SmartInfo Setting] -> [SmartInfo]:** Set the value **[Show]**
7. Go to [**SmartInfo Setting] -> [USB -> TV]**: Press **"OK"** to upload the pictures from USB flash drive to TV.
8. Press the **"HOME/MENU"** button to save and exit. Select the option **[Store and Restart now]** and press **"OK"**. The TV will store the settings and restart to apply the new settings.

8.3 SmartInfo Browser (only MediaSuite & Signature)

SmartInfo used as Browser will display HTML pages stored in TV memory. Those pages can contain HTML+CSS3 and JavaScript and be linked to other pages from the TV memory. For navigation between different sections of the page or a new page, arrows keys could be used.

How to upload content for SmartInfo Browser

1. Create the content (HTML+CSS3 and JavaScript). The resolution of the browser is 1280x 720 pixels and pages which have a higher resolution will become scrollable (side bars and page moving effect).
2. The first page must have the name **index.html**. The rest of the content can be linked to index.html.
3. Save the files into to following folder: **TPN142HE_CloneData\MasterCloneData\SmartInfoPages**
4. Switch ON the TV and wait until the TV channel is displayed.
5. Insert the USB flash drive into the TV set. If USB media player is activating press the **"TV"** button to return to the TV channel.
6. Enter **[Professional settings]** menu.
7. Go to [**SmartInfo Setting] -> [SmartInfo]:** Set the value **[Browser]**
8. Go to [**SmartInfo Setting] -> [USB -> TV]**: Press **"OK"** to upload the pictures from USB flash drive to TV.
9. Press the **"HOME/MENU"** button to save and exit. Select the option **[Store and Restart now]** and press **"OK"**. The TV will store the settings and restart to apply the new settings.

9. Clone

With cloning it is possible to copy to/from a USB device the TV configuration data, media content and the channel list data. Place a USB Memory stick in the USB side connector of the TV.

*The USB device should be formatted as FAT or FAT32.

Access the Professional menu by pressing the **"RC6 SETUP"** key, and then press the **"Home/Menu"** button. With the guest remote control, press the following keys in sequence: **"3,1,9,7,5,3,MUTE"**. Access the **[Professional settings]** menu and go to **[Clone/Upgrade]**:

To clone all the settings from the TV, the option **[Clone to USB]** should be used.

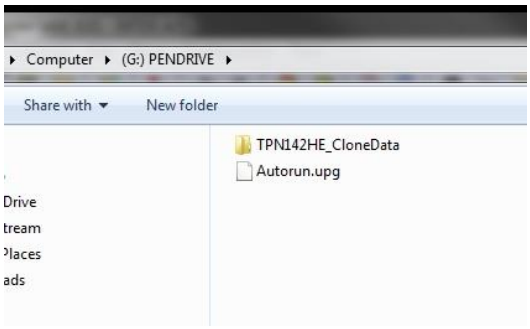
1. Select **[Clone to USB]** and press **"OK"**.
2. The clone data will be loaded from the TV set into USB device.
3. Wait until the OSD message returns to its earlier state before removing the USB device

To clone all settings from the USB to the TV, the option **[Clone to TV]** should be used.

1. Select **[Clone to TV]** and press **"OK"**.
2. The clone data will be loaded from the USB device into the TV. To activate the loaded settings, TV will restart. After restart TV will display the Professional menu overview.
3. Remove the inserted USB drive.

Instant initial cloning and software upgrade:

A TV out of the box will trigger a software upgrade and the instant initial cloning mechanism; if the files for those actions are not available, the TV will display the installation wizard. Before connecting the power cord and powering on the TV, insert the USB key with cloning data and the latest software version downloaded from the support website. After power on the TV will search on the USB key for a newer software version, will apply it and afterwards will check if the cloning data is available. When the cloning process is complete the TV will display the summary and timestamps for each file cloned.



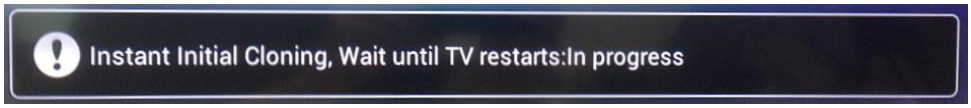
Content of a USB flash driver prepared for software upgrade and instant initial cloning.

TPN14HE_CloneData: contains the cloning data and CSM information

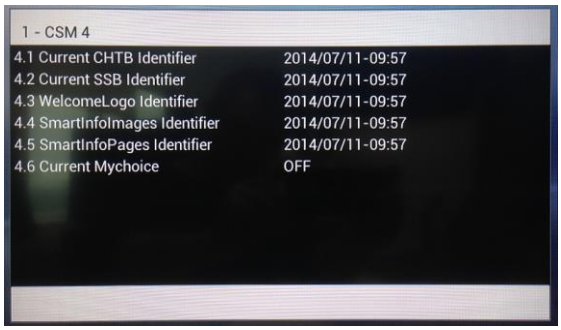
Autorun.upg: is the latest software version downloaded from http://www.support.philips.com/support

Note: TV will check the version number of the software available on the USB and will upgrade only if the number is higher than the one installed on TV.

During the instant initial cloning the following OSD message will be displayed.



When the process is complete the CSM summary will be displayed.


1 - CSM 4
4.1 Current CHTB Identifier 2014/07/11-09:57
4.2 Current SSB Identifier 2014/07/11-09:57
4.3 WelcomeLogo Identifier 2014/07/11-09:57
4.4 SmartInfoImages Identifier 2014/07/11-09:57
4.5 SmartInfoPages Identifier 2014/07/11-09:57
4.6 Current Mychoice OFF

When the summaries are displayed power down the TV using the Power button on the remote and remove the USB key. Power on the TV to check the result of the cloning and correct functionality of TV (e.q: Welcome message, welcome logo, hotel info, starting channel, startup volume).

10. Feature settings

[Multi RC]

This function allows that up to 14 televisions can be installed in a room whereas every TV will listen to its own RC. Once the TV is set, also every RC can be set to remember its connected TV:

[Blue] The TV will listen to a 'blue' RC. Press and hold both the menu and "blue" button on the RC for about five seconds.
[Green] The TV will listen to a 'green' RC. Press and hold both the menu and "green" button on the RC for about five seconds.
[Yellow] The TV will listen to a 'yellow' RC. Press and hold both the menu and "yellow" button on the RC for about five seconds.
[Red] The TV will listen to a 'red' RC. Press and hold both the menu and "red" button on the RC for about five seconds.
[TV0] The TV will listen to a '0' RC. Press and hold both the menu and number "0" button on the RC for about five seconds.
[TV1] The TV will listen to a '1' RC. Press and hold both the menu and number "1" button on the RC for about five seconds.
[TV2] The TV will listen to a '2' RC. Press and hold both the menu and number "2" button on the RC for about five seconds.
[TV3] The TV will listen to a '3' RC. Press and hold both the menu and number "3" button on the RC for about five seconds.
[TV4] The TV will listen to a '4' RC. Press and hold both the menu and number "4" button on the RC for about five seconds.
[TV5] The TV will listen to a '5' RC. Press and hold both the menu and number "5" button on the RC for about five seconds.
[TV6] The TV will listen to a '6' RC. Press and hold both the menu and number "6" button on the RC for about five seconds.
[TV7] The TV will listen to a '7' RC. Press and hold both the menu and number "7" button on the RC for about five seconds.
[TV8] The TV will listen to a '8' RC. Press and hold both the menu and number "8" button on the RC for about five seconds.
[TV9] The TV will listen to a '9' RC. Press and hold both the menu and number "9" button on the RC for about five seconds.
[Off] This function is not used; all TVs will listen to a 'blue' RC.

Press and hold the OK button for about five seconds to check the current color of the Multi Remote settings of TV and user remote.

[MyChoice]
In this manual we will cover only the configuration of MyChoice on the TV, all details about the account and credits are covered in a different manual. Please contact your TP Vision country sales manager to setup an account and buy the credits.

During the installation of the TV sets please collect the following information:

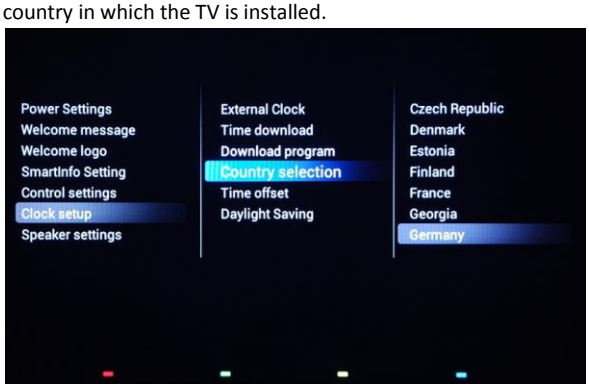
Room number	TV model	Serial number
101	32HFL3010T/12	FZ1A

Room number, TV model and serial number are required on MyChoice website when rooms are configured. Make sure that all values are correct because the MyChoice website is generating pin codes based on this information. You can gather all these details during the installation and afterwards enter them in the administration part of the MyChoice website.

How to configure the MyChoice is described below:

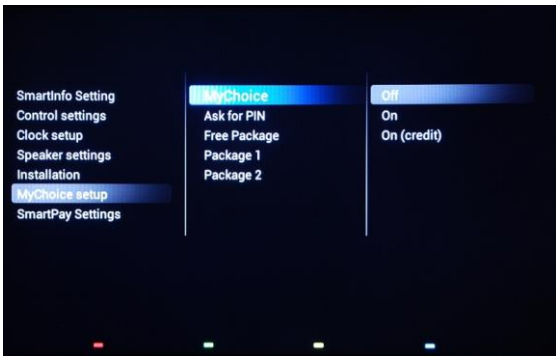
1. The most important step for MyChoice is the clock. If the clock is not defined or the TV doesn't have the correct time, MyChoice will display the following message: **MyChoice is not available, please contact the reception.**
   Enter the Professional menu go to: **Clock setup** and configure the Download program.

Afterwards define the country in which the TV is installed.



And if it is required the Time offset.

2. Go to Installation and enable MyChoice.



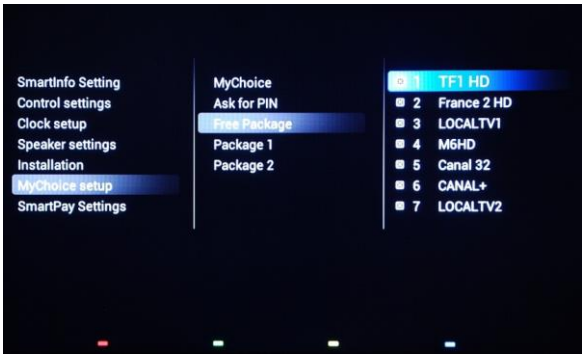
In this case three options are available. These are:

[OFF]: This means that MyChoice is disabled and the packages are not available.
[ON]: MyChoice is enabled but will **only** work with scratch cards.
[ON (Credit)]: MyChoice is enabled and it is accepting the codes generated by the MyChoice website and also the codes generated with scratch cards.

3. **[Ask for PIN]**
   [OFF]: The code is required only one time at activation. A new code request will be requested when the validity is expiring.
   [ON]: Pin Code is required ever time when the feature is used. Every time when the TV set is switched **[ON]**, the feature will require the pin code.

4. Defining the channel packages is the second step in the MyChoice configuration. Based on the pin code the TV channels will be displayed. Three packages are available:

   Free package: This package will include all channels which are available without any pin code. To add a channel to a package you have to select the channel and press **OK** to tick the box in front of the channel.



In this case the "**Free package**" contains five channels; the rest of the channels will not be available if there is no code entered.

Package 1: In package 1 you can add the channels which will be available with the MyChoice pin code.

Keep in mind that the MyChoice pin code for package 1 will enable only the channels from this package. To have a proper package configuration add all the **"Free channels"** to this package. If you don't add the "**Free channels"** in this package after the MyChoice activation, the channel plan will include only Extra channels without possibility to view the "**Free channels package"**.

Package 1 = Free Channels + Extra channels

Note: Extra channels can contain some movie channels or sport channels like: HBO, Comedy Central, Sky Sport.

Package 2: In this package you can add channels which will be activated with a different MyChoice pin code. This package can contain **"Free channels",** "**Package 1"** and another few channels which will be available only if the pin code is valid for Package 2.

Few configurations possible are:

Package 2 = Free channels + VIP Channels

Note: VIP channels can contain channels which are included in Package 1 and a few extra.

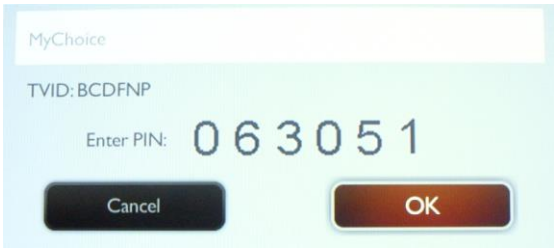
Package 2 = Free channels + Package 1 + VIP Channels

Each package can be configured independently without having any influence on other packages, but you have to keep in mind that after activation the TV will show only the channels which are ticked for this package.

Press **"HOME" button** to exit the **[Professional menu]** and store all settings.

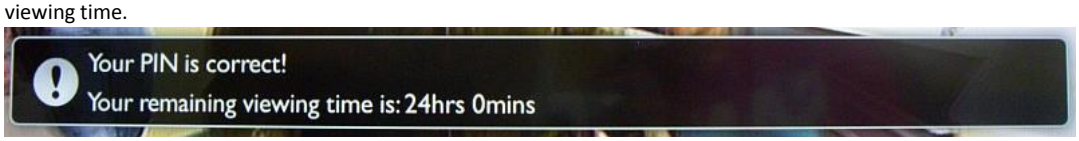
5. Check the MyChoice functionality.

Power ON the TV and wait to see the Switch on channel. Press the MyChoice button on the remote control. The following window will appear on TV:



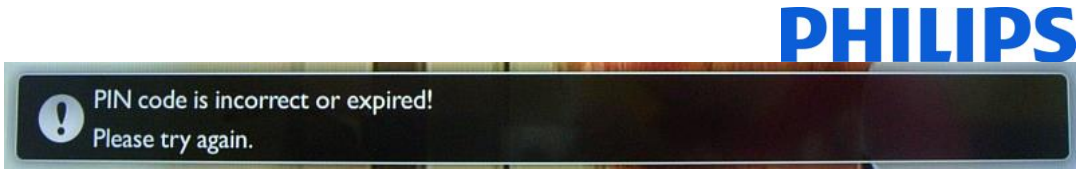
Enter the pin code received from the website or generated with a scratch card. After entering the pin code press OK to submit the code.

If the pin code is correct, the following message will be displayed. Also the message will display the remaining viewing time.



After a few seconds the message will disappear and the channel grid will pop up showing all channels available. The MyChoice channels will have a star inside the box.

If you enter an invalid pin code or an expired pin code the following message will be displayed.



Note: If you do a power cycle of the TV and press the MyChoice button again, you can enter the same pin code if this code is still valid.
Important remark: If you enter a new pin code, the previous code will become invalid despite the fact that the code could be still valid.
Example: If you enter a pin code for Package 1 valid for 24 hours and after 4 hours you entered a pin code for Package 2, the pin code for Package 1 will become invalid; the TV will report the message above.

The TV will only save the last pin code entered; the previous ones will become expired.

11. CSM (Consumer Setup menu)

The CSM contains data about the TV software, serial number and other details. The menu can be accessed using a standard remote control or using the master remote control.

1. Using the standard remote control: press the following key sequence “1,2,3,6,5,4”

2. Using master remote control (22AV8753D): Press the **RECALL** button for the CSM.

Notes: Activation of the CSM is only possible if there is no (user) menu on the screen.

The CSM data are also stored on the USB during the cloning from USB to TV. The data are stored in the folder **CSM Dump** which is inside of the cloning folder **TPN142HE_CloneData.**

The text file which contains all the data will have the name composed from the model number and serial number of the TV. File can be viewed using any text editor and doesn’t affect the cloning data.

Content of the file looks like this:

1.1 Set Type:	28HFL3010T/12
1.2 Production code:	FZ1A1425043274
1.3 Installation date:	140630
1.4a Option Code 1:	000 016 067 000 000 000 000 068
1.4b Option Code 2:	002 002 064 065 010 014 105 000
1.5 SSB:	905TXESCF0100100SX
1.6 Display:	750TBV275A01C2N000
1.7 PSU:	PLTVDF261XXJ6
2.1 Current Main Software:	TPN142HE_005.002.009.128
2.2 Development SW Version:	TPN142HE_005.001.201.037

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